

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

531 Rec'd PCT/PTC 14 DEC 2001

Re: International Application PCT/DE00/01901
Filed June 16, 2000
Title Safety-related automation bus system
Applicant Meyer-Grafe
Attorney Docket (H)01PH0419USP

Box PCT
Commissioner for Patents
Washington, DC 20231

Preliminary Amendment

Dear Sir or Madam:

Please amend the above-identified application as follows:

In the Specification: A substitute specification and "Version with Markings to show Changes Made" is included herewith.

In the Claims:

Please cancel claims 1-31 of the Annexes and substitute the following new claims 32-66.

- sup
BI
- a1
32. An automation system (1), comprising at least
a bus (2),
I/O bus subscribers (31-38) connected to the bus (2),
a standard control device (4; 40, 41),
at least one safety analyzer (5, 5', 5'') which monitors data flow via the bus system and is
designed to carry out at least one safety-related function,
wherein the safety analyzer is at least one of set up for checking and processing safety-
related data in a bus datastream and having a device for manipulating the datastream transmitted
on the bus (2).